

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

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**GENERAL INFORMATION:**

Name:	Four Roses Distillery, LLC
Address:	1224 Bonds Mill Road Lawrenceburg, Kentucky 40342-9734
Date application received:	April 21, 2003
SIC/Source description:	2085
Source ID #:	21-005-00002
AI #:	35
Activity I.D.#:	APE20060001
Permit #:	F-06-037

**APPLICATION TYPE/PERMIT ACTIVITY:**

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
<input type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

**COMPLIANCE SUMMARY:**

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

**APPLICATION REQUIREMENT LIST:**

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

**MISCELLANEOUS:**

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

Pollutant	Actual (tpy)**	Potential (tpy)
PM10 / PM	1.7 / 1.7	66.6/66.6
SO <sub>2</sub>	0.06	0.177
NO <sub>x</sub>	14.13	40.21
CO	3.53	9.93
VOC	14.91	55.601
Total HAP	NA	NA

\*\* Actual Based on Current EIS Reported Values:

**SOURCE PROCESS DESCRIPTION:**

The Four Roses Distillery, LLC has applied to the Kentucky Division for Air Quality to renew their current permit, including only an Administrative Revision – Name Change. The source currently operates under its Permit F-98-007. There have been no process changes at the facility.

The Four Roses Distillery, LLC bourbon manufacturing source consists of the following emission points (EP): grain receiving and handling (EP-02), grain milling and handling (EP-03), spent grain handling (EP-05), small gas- fired 6.7 mmBtu boiler (EP-07), alcohol storage tanks (EP-08), larger gas fired 48 mmBtu boiler (EP-09a), or alternatively, #2 oil fired 48 mmBtu boiler (same boiler: EP-09b), gas fired 13 mmBtu dryer (EP-10), spent grain load out (EP-11), two steam dryers (EP-12), fermentation-distillation-beerwell (EP-15), spent grain evaporators (EP-19), and grain cleaning (EP-23). The distillery is a continuous operation, 24 hours per day, 7 days a week.

**EMISSION AND OPERATING CAPS DESCRIPTION:**

The source shall be limited to emissions less than 90 tons per year of any regulated air pollutant, to preclude the applicability of 401 KAR 52:020. The grain processed/handled shall not exceed 37,770 tons per year and the Bourbon produced shall not exceed 6,387,500 proof gallons per year.

**OPERATIONAL FLEXIBILITY:**

None